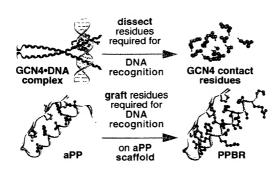
Figure 1



## Figure 2

	-turn-u-helix		а
	G.S.T. GDDAPVEDLIRFYNDLQQYLNYVTRHRY	P	аF
	DPAALKRARNTBAARRSRARKLQRMKQ	N4	GC
	basic spacer	·281)	(224-
,		L	b
no no	G-SQ:TY:GDDAPVEDLKRFRNTLAAYLSVVRKLQRMKQ	SR	PPBRO
binding detected	G:SQ:TY:GDDAPVEDLKRFRNTLAAYLSRLRKAARAAA	0SR	PBR1
	G SQ:TY: GDDAPVEDLKRFRNTLAARLSRLRKAARAAA	1SR	PBR1
5 nM	G SQ TY GDDAPVEDLKRFRNTLAARRSRARKLQRMKQ	2SR	PPBR
1.5 nM	G-SQ-TY-GDDAPVEDLKRFRNTLAARRSRARKAARAA	4SR	PPBR4
400 nM	<b>DPAALKRA</b> RNTEAARRSR <b>A</b> RK <b>LQRMQC</b>	7	G <sub>27</sub>
1000 nM	GPSQPTYPGDDAPVEDLKRFRNTLAARRSRLRKAARAA	ı∆SR	PBR4

Figure 3



©PSZPT%PGDDAPVEDLKRFRNTLAARRSRARKAA
Library B

GESTET PGDDAPVEDLKRFRNTLAARRSRARKAA
PPBR4

GPSQFTYPGDDAPVEDLKRFRNTLAARRSRARKAA PPBR4 G s G G s 3 G p007 00000 p012 p011 p013 s 0 p009 s p016 S

## Figure 4

BakLIB (20-36)	FV	X	RLL	X	ΥI	X	X	INR	#	Kd (nM)
4100	FV	q	RLL	R	Y <u>F</u>	d	Œ	INR	6	401
4101	F۷	q	RLL	A	ΥĒ	Сţ	Þ	INR	2	811
4099	FV	g	RLL	A	ΥE	G I	ĮΤ	INR	3	352
4102	FV	s	RL-	R	YI	Αİ	X.	INR	2	3700
	FV	R	RLL	G	ΥI	Þ	뉟	INR	1	
	FV	Н	RLL	V	YI	PI	¢	INR	1	
	FV	R	RLL	V	ΥI	Μī	Þ	INR	1	

## Figure 5

	turn - c-hellx	
aPP	1 8 17 20 22 26 29 G SQ TY GDDAPVEDLIRFYDNLQQYLNVV	K <sub>d</sub> (nM)
p53AD	ETFSDLWKLLP	261
Library #1	G SQ TY GDDAPVEDLIRFXFXLXWYLLXX	
_ p3254	LIRFQFTLCWYLLWT	334
p3255	LIRFQFSLSWYLLWG	2800
p3548	LIRFQFTLRWYLLVT	766
p3546	LIRFQFWLNWYLLWY	
p3559	LIRFKFLLQWYLLAL	99
	LIRFRFPLRWYLLAL LIRPRFQLGWYLLWF LIRFSFALQWYLLTR	
p3257	lirfsfalqwyllge	546

Figure 6





PP GPS

UL1b1

GPSQPTYPGDDAP V E D L I R F Y N D L Q Q T L N V I